# COMMUNICATION S

# **Federal Communications Commission**

Approved by OMB 3060-0999 See instructions for public burden estimate.

# **Hearing Aid Compatibility Status Report (FCC Form 655)**

Reporting Period: January 1, 2017 - December 31, 2017 Filing Confirmation Number: 0008063049

Filing Deadline: January 16, 2018 FRN: 0004320107

Filing Date: 01/16/2018 10:49 AM

# **General Report Information**

### **Type of Company**

Service Provider

## **De Minimis Exception**

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### **Company Information**

Company Name: FTC Communications, LLC

Brand Names: FTC Wireless

PO Box: 588

Street Address: 1101 East Main Street

City: Kingstree

State: SC Zip Code: 29556

Contact Name: Sandra Moore
Contact Phone: (843) 382-1313
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Contact Email: moores@ftc.org

#### Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? No

#### **Product Labeling**

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice

communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

#### **Public Website**

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

No

Website address:

Explain: Our website has a direct link to the AT&T website explaining HAC and compatible handsets and the rating system.

#### **Consumer Outreach**

Describe consumer outreach efforts in the past 12 months: All units in inventory are supplied from AT&T. The selection of devices is diverse with many different features and settings.

## **Methodology for Functionality Levels**

All units in inventory are supplied through AT&T. The levels are GOOD, which depicts devices with basic technology on entry level data speeds, or BETTER, which depicts devices with advanced technology and/or with advanced functionality, and BEST, which depicts devices with new technology and/or with new functionality that operate on faster data speeds.

#### **Report Remarks**

You have reported the following handset model summary information.

Total number of handsets offered: 43

| Air<br>Interface | Fully Hearing Aid<br>Compatible<br>Number Percent | Acoustic Coupling<br>Compatible Only<br>Number Percent | Non-Compliant<br>Handsets<br>Number Percent | Total by<br>Air Interface |
|------------------|---|--|---|---------------------------|
| GSM              | 43 100%   |  |   | 43                        |

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|------------------|---|--|---|---------------------------|
| WCDMA            | 43 100%   |  |   | 43                        |
| LTE              | 37 100%   |  |   | 37                        |
| Wi-Fi            | 37 100%   |  |   | 37                        |

# Handset 1: Alcatel 510A

#### **Handset Maker**

Alcatel

Handset Model Name FCC ID

510A RAD253

## Air Interfaces/Frequency Bands

850 MHz GSM

850 MHz WCDMA

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

1900 MHz WCDMA

2100 MHz WCDMA

#### **Dates**

This handset model was offered from: 09/12 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Good

#### Remarks

# Handset 2: Alcatel AT&T Cingular Flip 2

#### **Handset Maker**

Alcatel

Handset Model Name FCC ID

AT&T Cingular Flip 2 2ACCJN012

# Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2.4 GHz Wi-Fi

**2600 MHz LTE** 

#### **Dates**

This handset model was offered from: 06/17 to 12/17

### **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

# **Functionality Level**

Good

## Remarks

# Handset 3: Apple iPhone 5c

## **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 5c BCG-E2644A

#### **Air Interfaces/Frequency Bands**

700 MHz LTE

850 MHz GSM 850 MHz WCDMA 850 MHz LTE 900 MHz GSM 900 MHz LTE 1700 MHz LTE 1800 MHz GSM 1800 MHz LTE 1900 MHz GSM 1900 MHz WCDMA 1900 MHz LTE 2100 MHz WCDMA 2100 MHz LTE 24 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 09/13 to 12/17

#### **Ratings**

M-Rating: M3

5.0 GHz Wi-Fi

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

# **Functionality Level**

**Best** 

#### Remarks

# Handset 4: Apple iPhone 5s

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 5s BCG-E2642A

#### Air Interfaces/Frequency Bands

 $700~\mathrm{MHz}~\mathrm{LTE}$ 

 $800~\mathrm{MHz}~\mathrm{LTE}$ 

850 MHz GSM

850 MHz WCDMA

 $850~\mathrm{MHz}~\mathrm{LTE}$ 

900 MHz GSM

900 MHz LTE

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM 1900 MHz WCDMA 1900 MHz LTE 2100 MHz WCDMA 2100 MHz LTE 2.4 GHz Wi-Fi 5.0 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 09/13 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

# **Functionality Level**

Best

#### Remarks

# Handset 5: Apple iPhone 6

# **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 6 BCG-E2816A

### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

 $1800~\mathrm{MHz}~\mathrm{GSM}$ 

 $1800~\mathrm{MHz}~\mathrm{LTE}$ 

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 09/14 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

#### **Functionality Level**

Best

#### Remarks

# Handset 6: Apple iPhone 6 Plus

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 6 Plus BCG-E2817A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2600 MHz LTE

#### **Dates**

This handset model was offered from: 09/14 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

**Best** 

#### Remarks

# Handset 7: Apple iPhone 6S (A1633)

### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 6S (A1633) BCG-E2946A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2600 MHz LTE

#### Dates

This handset model was offered from: 09/15 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# **Handset 8: Apple IPHONE 6S PLUS**

#### **Handset Maker**

Apple

Handset Model Name FCC ID

IPHONE 6S PLUS BCG-E2944A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

 $2600\ MHz\ LTE$ 

#### **Dates**

This handset model was offered from: 09/15 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 9: Apple iPhone 7

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 7 BCG-E3091A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500~MHz~LTE

#### **Dates**

This handset model was offered from: 09/16 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 10: Apple iPhone 7 Plus

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 7 Plus BCG-E3087A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 09/16 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 11: Apple iPhone 8

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 8 BCG-E3172A

#### Air Interfaces/Frequency Bands

 $700~\mathrm{MHz}~\mathrm{LTE}$ 

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 09/17 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 12: Apple iPhone 8 Plus

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 8 Plus BCG-E3174A

#### Air Interfaces/Frequency Bands

 $700~\mathrm{MHz}~\mathrm{LTE}$ 

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 09/17 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 13: Apple iPhone SE

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone SE BCG-E2945A

### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

 $1900~\mathrm{MHz}~\mathrm{GSM}$ 

1900 MHz WCDMA

1900 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

## **Dates**

This handset model was offered from: 03/16 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 14: Apple iPhone X

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone X BCG-E3161A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 11/17 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 15: HTC One (M8)

#### **Handset Maker**

HTC

Handset Model Name FCC ID

One (M8) NM80P6B120

### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

 $1800~\mathrm{MHz}~\mathrm{LTE}$ 

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2600 MHz LTE

#### **Dates**

This handset model was offered from: 08/14 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 16: HTC One A9

#### **Handset Maker**

HTC

Handset Model Name FCC ID

One A9 NM82PQ9120

### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz LTE

2100 MHz WCDMA

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 11/15 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 17: HTC ONE M9

#### **Handset Maker**

HTC

Handset Model Name FCC ID

ONE M9 NM80PJA110

### Air Interfaces/Frequency Bands

 $700~\mathrm{MHz}~\mathrm{LTE}$ 

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

 $1800~\mathrm{MHz}~\mathrm{LTE}$ 

1900 MHz GSM

1900 MHz LTE

2100 MHz WCDMA

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2600 MHz LTE

## **Dates**

This handset model was offered from: 03/15 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 18: Kyocera duraforce

#### **Handset Maker**

Kyocera

Handset Model Name FCC ID

duraforce V65E6560

### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

 $1900~\mathrm{MHz}~\mathrm{GSM}$ 

1900 MHz WCDMA

 $1900~\mathrm{MHz}~\mathrm{LTE}$ 

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2600 MHz LTE

#### **Dates**

This handset model was offered from: 11/14 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 19: Kyocera Duraforce Pro

#### **Handset Maker**

Kyocera

Handset Model Name FCC ID

Duraforce Pro V65E6820

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2600 MHz LTE

#### **Dates**

This handset model was offered from: 08/16 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 20: Kyocera DuraXE

#### **Handset Maker**

Kyocera

Handset Model Name FCC ID

DuraXE V65E4710

# Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

 $1900~\mathrm{MHz}~\mathrm{GSM}$ 

1900 MHz LTE

2100 MHz WCDMA

### **Dates**

This handset model was offered from: 01/16 to 12/17

M-Rating: M4 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Good

#### Remarks

## **Handset 21: LG B470**

#### **Handset Maker**

LG

Handset Model Name FCC ID

B470 ZNFB460

#### Air Interfaces/Frequency Bands

850 MHz GSM 850 MHz WCDMA 900 MHz GSM 1800 MHz GSM 1900 MHz GSM

1900 MHz WCDMA

#### **Dates**

This handset model was offered from: 02/16 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Good

#### Remarks

### Handset 22: LG G3

#### **Handset Maker**

LG

Handset Model Name FCC ID

G3 ZNFD850

## Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2600 MHz LTE

#### **Dates**

This handset model was offered from: 07/14 to 12/17

# **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 23: LG G4

#### **Handset Maker**

LG

Handset Model Name FCC ID

G4 ZNFH810

### Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz WCDMA
1900 MHz LTE
2100 MHz WCDMA
2100 MHz WCDMA

#### **Dates**

This handset model was offered from: 06/15 to 12/17

## **Ratings**

M-Rating: M3

2.4 GHz Wi-Fi 5.0 GHz Wi-Fi 2600 MHz LTE

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

### Handset 24: LG G5

#### **Handset Maker**

LG

Handset Model Name FCC ID

G5 ZNFH820

### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE 1900 MHz GSM 1900 MHz WCDMA 1900 MHz LTE 2100 MHz WCDMA 2100 MHz LTE 2.4 GHz Wi-Fi 5.0 GHz Wi-Fi 2600 MHz LTE

#### **Dates**

This handset model was offered from: 04/16 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

#### **Functionality Level**

**Best** 

#### Remarks

### Handset 25: LG G6

#### **Handset Maker**

LG

#### Handset Model Name FCC ID

G6 ZNFH871

### Air Interfaces/Frequency Bands

700 MHz LTE

 $800~\mathrm{MHz}~\mathrm{LTE}$ 

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

 $1900~\mathrm{MHz}~\mathrm{LTE}$ 

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 03/17 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

# **Functionality Level**

Best

#### Remarks

# Handset 26: LG K10

#### **Handset Maker**

LG

Handset Model Name FCC ID

K10 ZNFK425

#### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 07/16 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 27: LG K20

#### **Handset Maker**

LG

Handset Model Name FCC ID

K20 ZNFM255

### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

 $1900~\mathrm{MHz}~\mathrm{GSM}$ 

1900 MHz WCDMA

1900 MHz LTE

2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 08/17 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 28: LG LG X venture

#### **Handset Maker**

LG

Handset Model Name FCC ID

LG X venture ZNFH700

#### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

# **Dates**

This handset model was offered from: 05/17 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

# **Functionality Level**

Best

#### Remarks

# Handset 29: LG XPression2

#### **Handset Maker**

LG

Handset Model Name FCC ID

XPression2 ZNFC410

#### Air Interfaces/Frequency Bands

850 MHz GSM

850 MHz WCDMA

900 MHz GSM

 $1800~\mathrm{MHz}~\mathrm{GSM}$ 

1900 MHz GSM

1900 MHz WCDMA

#### **Dates**

This handset model was offered from: 03/14 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

# **Functionality Level**

Better

## Remarks

# **Handset 30: Motorola Moto X (2nd Gen)**

#### **Handset Maker**

Motorola

Handset Model Name FCC ID

Moto X (2nd Gen) IHDT56QA1, IHDT56QA4

#### **Air Interfaces/Frequency Bands**

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 09/14 to 12/17

#### **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

#### **Functionality Level**

**Best** 

#### Remarks

# Handset 31: Samsung GALAXY NOTE 5

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

GALAXY NOTE 5 A3LSMN920A

### Air Interfaces/Frequency Bands

800 MHz LTE 850 MHz GSM 850 MHz WCDMA 850 MHz LTE 900 MHz GSM 900 MHz LTE 1700 MHz LTE 1800 MHz GSM 1800 MHz LTE 1900 MHz GSM 1900 MHz WCDMA 1900 MHz LTE 2100 MHz WCDMA 2100 MHz LTE 2.4 GHz Wi-Fi 5.0 GHz Wi-Fi 2600 MHz LTE

#### **Dates**

This handset model was offered from: 08/15 to 12/17

## **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

#### **Functionality Level**

**Best** 

#### Remarks

# Handset 32: Samsung GALAXY S6

#### **Handset Maker**

Samsung

#### Handset Model Name FCC ID

GALAXY S6 A3LSMG920A

### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz LTE

1800 MHz GSM 1800 MHz LTE 1900 MHz GSM 1900 MHz WCDMA 1900 MHz LTE 2100 MHz WCDMA 2100 MHz LTE 2.4 GHz Wi-Fi 5.0 GHz Wi-Fi 2600 MHz LTE

#### **Dates**

This handset model was offered from: 03/15 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### **Remarks**

# Handset 33: Samsung Galaxy S6 Active

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S6 Active A3LSMG890A

#### Air Interfaces/Frequency Bands

 $700~\mathrm{MHz}~\mathrm{LTE}$ 

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

 $850~\mathrm{MHz}~\mathrm{LTE}$ 

900 MHz GSM

900 MHz LTE

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

#### **Dates**

This handset model was offered from: 06/15 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

#### **Functionality Level**

Best

#### Remarks

# Handset 34: Samsung Galaxy S7

### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S7 A3LSMG930US

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 03/16 to 12/17

#### **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 35: Samsung Galaxy S7 Active

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S7 Active A3LSMG891A

#### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

 $1700~\mathrm{MHz}~\mathrm{LTE}$ 

1800 MHz GSM

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 06/16 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

Best

#### Remarks

# Handset 36: Samsung Galaxy S7 Edge

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S7 Edge A3LSMG935US

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz LTE

1800 MHz GSM

 $1800~\mathrm{MHz}~\mathrm{LTE}$ 

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 03/16 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 37: Samsung Galaxy S8

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S8 A3LSMG950U

#### Air Interfaces/Frequency Bands

 $700~\mathrm{MHz}~\mathrm{LTE}$ 

 $800~\mathrm{MHz}~\mathrm{LTE}$ 

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

 $1700~\mathrm{MHz}~\mathrm{LTE}$ 

1800 MHz GSM

 $1800~\mathrm{MHz}~\mathrm{LTE}$ 

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 04/17 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 38: Samsung Galaxy S8 Active

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S8 Active A3LSMG892A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 08/17 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 39: Samsung Galaxy S8 Plus

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S8 Plus A3LSMG955U

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

2600 MHz LTE

## Dates

This handset model was offered from: 04/17 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Best

#### Remarks

# Handset 40: Samsung Note 8

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Note 8 A3LSMN950U

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2.4 GHz Wi-Fi

5.0 GHz Wi-Fi

2500 MHz LTE

 $2600\ MHz\ LTE$ 

#### **Dates**

This handset model was offered from: 09/17 to 12/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

### **Functionality Level**

**Best** 

#### Remarks

# Handset 41: Teleepooch AT&T Cingular Flip

#### **Handset Maker**

Teleepooch

Handset Model Name FCC ID

AT&T Cingular Flip U46-M3620

#### Air Interfaces/Frequency Bands

850 MHz GSM 850 MHz WCDMA 900 MHz GSM 1800 MHz GSM 1900 MHz GSM

## **Dates**

This handset model was offered from: 05/16 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

# **Functionality Level**

Good

#### Remarks

### Handset 42: ZTE AT&T Z222

#### **Handset Maker**

**ZTE** 

Handset Model Name FCC ID

AT&T Z222 Q78-Z222 Z223 Q78-Z222

#### Air Interfaces/Frequency Bands

850 MHz GSM 850 MHz WCDMA 1900 MHz GSM 1900 MHz WCDMA

#### **Dates**

This handset model was offered from: 08/13 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Good

#### Remarks

# Handset 43: ZTE Z667

#### **Handset Maker**

**ZTE** 

Handset Model Name FCC ID

Z667 SRQ-Z667G

### Air Interfaces/Frequency Bands

850 MHz GSM 850 MHz WCDMA 1900 MHz GSM 1900 MHz WCDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 10/14 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

# **Functionality Level**

Best

Remarks

# Certification

# This Report has been certified by:

Guy Dent Adams, Jr. Chief Operating Officer - Subsidiaries  $01/16/2018\ 10:49\ AM$